IV. Remarks

Reconsideration and allowance of the subject application are respectfully requested.

Claim 1-41 are pending in this application. Claims 1, 11, 22 and 32 are independent. The claims have been amended for clarity with respect to the specification and Drawings, and not in response to any statutory requirement.

The undersigned and Applicants' Canadian representative, Mr. Omar Nassif, would like to thank Examiner Luu for the cordial and productive interview of June 14, 2004. The Examiner's helpful comments and suggestions were instrumental in preparing this response.

The amendments to pages 5 and 6 of the specification will moot the objections to the Drawings. No new matter has been added as the newly-added Figure 4 is taken from U.S. Patent No. 6,646,269, which is discussed in the "Best Mode For Carrying Out The Invention" of the subject application, and which depicts a plurality of radiation source assemblies disposed between vertical support members on a support frame, in a manner well-known in the art.

A new Title has been provided, as required.

Claims 1 - 41 were rejected as being unpatentable over Savicki, Armstrong, Ellner, Takemoto, and Saulnier, for the

reasons discussed on pages 3-6 of the Office Action. Applicants respectfully traverse all art rejections.

As discussed at the interview, each of the independent claims recites a novel combination of structure and/or function whereby a water treatment ultraviolet sensor includes, *inter alia*, a radiation collector configured to (i) receive ultraviolet radiation from a predefined arc around the sensor device in the water to be treated, and (ii) redirect the received radiation along a predefined pathway. A sensor element is configured to detect and respond to the incident radiation redirected along the pathway. For example, see Figs. 2 and 3a-3h of the subject application which show the radiation collector receiving the ultraviolet radiation from the predefined arc around the sensor device in the water to be treated, and redirecting the received radiation along the predefined pathway to the sensor.

As discussed at the interview, none of the cited art (including Savicki, Armstrong, Ellner, Takemoto, and Saulnier), whether taken individually or in combination, discloses or suggests such a water treatment ultraviolet sensor including the unique combination of features discussed above. Accordingly, the salient claimed features of the present invention are fully patentable over the cited art.

Claims 1-4 and 11-15 were rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-4 and 18-21 of U.S. Patent No. 6,512,234, for the reasons discussed on page 7 of the Office Action. Applicants respectfully traverse this rejection.

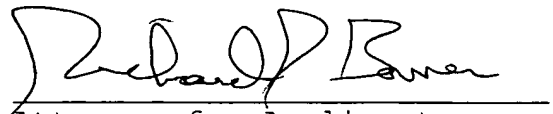
Applicants respectfully submit that the claims of the subject application are patentably distinct from those of U.S. Patent No. 6,512,234. In particular, each of the claims of the '234 Patent recites either motive means or a moving step by which the radiation collector is moved to collect radiation. Conversely, the claims of the subject application do not recite any motive means or a moving step by which the radiation collector is moved to collect radiation. Accordingly, it is respectfully submitted this rejection should be withdrawn.

In view of the above amendments and remarks, it is believed that this application is now in condition for allowance, and a Notice thereof is respectfully requested.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 625-3500. All

correspondence should continue to be directed to our address given below.

Respectfully submitted,



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